

Special Issue

Optoelectronic Thin Films

Message from the Guest Editors

Optoelectronic functional thin films have always been the main research direction in the fields of physics, chemistry, biology, engineering, and manufacturing. This Special Issue mainly collects related work in the field of photoelectric research, such as luminescence, power generation, energy storage and conversion, imaging, metamaterials, and metastructures. Especially in recent years, optoelectronic thin films have made significant progress in these fields, and the scientific as well as technological progress brought about by them have obviously changed people's living habits. There is still a lot of work to be performed in these areas, and it is still necessary to delve into the essential factors and internal mechanisms of devices that affect optoelectronic performance, after which the relationships between materials, structures, and properties can be revealed. Our Special Issue mainly aims to build a platform for scholars who are committed to engaging in, but not limited to, the above research fields in order to share and exchange scientific research.

Guest Editors

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About the Journal

Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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